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2665\$

Attorney Docket No.: 3882/15US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Application of : Craig Anthony Farrell

App. No. : 09/803,705

Examiner: Khuong, Lee T.

Filed : March 9, 2001

Group Art Unit: 2665

Title : METHOD AND APPARATUS FOR APPLICATION ROUTE DISCOVERY

Commissioner of Patents
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INFORMATION DISCLOSURE STATEMENT

Sir:

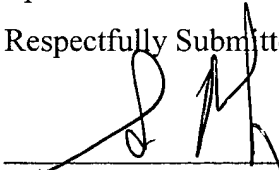
Applicants respectfully submit herewith an Information Disclosure Statement (IDS), an Information Disclosure Citation List, and a copy of each document listed therein, pursuant to 37 C.F.R. §§ 1.97 and 1.98. Pursuant to Rule 37 C.F.R. § 1.98, we enclose the corresponding fee of \$180.00 under 1.17(p).

The Examiner is requested to consider the enclosed documents, make them of record, and indicate his or her consideration of the documents by initialing the enclosed Citation List adjacent the citation of each document. Please return a copy of the initialed Citation form to the applicants' undersigned Attorney.

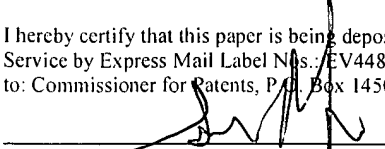
The Commissioner is hereby authorized to charge any deficiency, or to credit any overpayment, to the undersigned attorney's Deposit Account No. 02-4270.

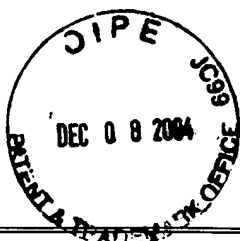
Respectfully Submitted,

Dated: 12/8/04


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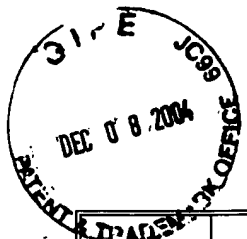
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INFORMATION DISCLOSURE CITATION LIST	Atty. Docket No.: 3882/15US	Application Serial No.: 09/803,705
	Applicant(s): Craig Anthony Farrell	
	Filing Date: March 9, 2001	Group Art Unit: 2665

U.S. PATENT DOCUMENTS

Exam. Init	Document Number	Date	Name	Class	Subclass
	2001/0013107	08/09/01	Lewis		
	2001/0047430	11/29/01	Dev et al.		
	2001/0047409	11/29/01	Datta et al.		
	2001/0042139	11/15/01	Jeffords et al.		
	2001/0052085	12/13/01	Dube et al.		
	2002/0188584	12/12/02	Ghannam et al.		
	2002/0184528	12/5/02	Shevenell et al.		
	2002/0075882	6/20/02	Donis et al.		
	2002/0050926	05/02/02	Lewis et al.		
	2002/0032760	03/14/02	Matthews et al.		
	2003/0110396	6/12/03	Lewis et al.		
	3,855,456	12/17/74	Summers et al.		
	3,906,454	9/16/75	Martin		
	4,135,662	01/23/79	Dlugos		
	4,410,950	10/18/83	Toyoda et al.		
	4,438,494	3/20/84	Budde et al.		
	4,503,534	3/5/85	Budde et al.		
	4,503,535	3/5/85	Budde et al.		
	4,517,468	5/14/85	Kemper et al.		
	4,545,013	10/1/85	Lyon et al.		
	4,568,909	2/4/86	Whynacht		
	4,585,975	4/29/86	Wimmer		



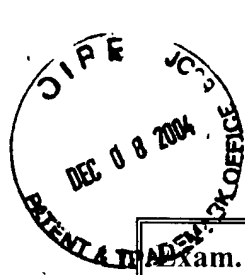
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Exam. Init	Document Number	Date	Name	Class	Subclass
	4,591,983	5/27/86	Bennett et al.		
	4,622,545	11/11/86	Atkinson		
	4,648,044	3/3/87	Hardy et al.		
	4,727,545	2/23/88	Glackemeyer et al.		
	4,817,092	3/28/89	Denny		
	4,823,345	4/18/89	Daniel et al.		
	4,866,712	9/12/89	Chao		
	4,881,230	11/14/89	Clark et al.		
	4,914,657	4/3/90	Walter et al.		
	4,932,026	06/05/90	Dev et al.		
	4,935,876	6/19/90	Hanatsuka		
	5,107,497	4/21/92	Lirov et al.		
	5,109,486	4/28/92	Seymour		
	5,123,017	6/16/92	Simpkins et al.		
	5,125,091	6/23/92	Staas, Jr. et al.		
	5,133,075	7/21/92	Risch		
	5,159,685	10/27/92	Kung		
	5,179,556	01/12/93	Turner		
	5,204,955	4/20/93	Kagei et al.		
	5,214,653	5/25/93	Elliott, Jr. et al.		
	5,247,517	9/21/93	Rose et al.		
	5,261,044	11/09/93	Dev et al.		
	5,293,629	3/8/94	Conley et al.		
	5,295,244	03/15/94	Dev et al.		
	5,309,448	5/3/94	Bouloutas et al.		
	5,321,837	6/14/94	Daniel et al.		
	5,375,070	12/20/94	Hershey et al.		
	5,432,934	7/11/95	Levin et al.		



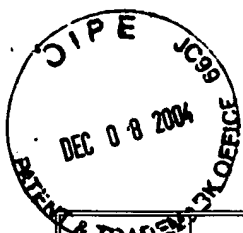
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Exam. Init	Document Number	Date	Name	Class	Subclass
	5,436,909	07/25/95	Dev et al.		
	5,483,637	01/9/96	Winokur et al.		
	5,485,455	01/16/96	Dobbins et al.		
	5,491,694	02/13/96	Oliver et al.		
	5,495,470	2/27/96	Tyburski et al.		
	5,504,921	4/02/96	Dev et al.		
	5,521,910	05/28/96	Matthews		
	5,528,516	6/18/96	Yemini et al.		
	5,559,955	09/24/96	Dev et al.		
	5,590,120	12/31/96	Vaishnavi et al.		
	5,627,819	5/06/97	Dev et al.		
	5,649,103	07/15/97	Datta et al.		
	5,666,481	09/09/97	Lewis		
	5,675,741	10/07/97	Aggarwal et al.		
	5,687,290	11/11/97	Lewis		
	5,696,486	12/09/97	Poliquin et al.		
	5,706,436	01/06/98	Lewis et al.		
	5,722,427	03/03/98	Wakil et al.		
	5,727,157	03/10/98	Orr et al.		
	5,734,642	03/31/98	Vaishnavi et al.		
	5,748,781	05/05/98	Datta et al.		
	5,751,933	05/12/98	Dev et al.		
	5,751,965	05/12/98	Mayo et al.		
	5,754,532	05/19/98	Dev et al.		
	5,764,955	06/09/98	Doolan		
	5,768,501	06/16/98	Lewis		
	5,777,549	07/07/98	Arrowsmith et al.		
	5,790,546	08/04/98	Dobbins et al.		



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Exam. Init	Document Number	Date	Name	Class	Subclass
	5,791,694	08/11/98	Fahl et al.		
	5,793,362	08/11/98	Matthew et al.		
	5,812,750	09/22/98	Dev et al.		
	5,822,305	10/13/98	Vaishnavi et al.		
	5,832,503	11/03/98	Malik et al.		
	5,872,928	02/16/99	Lewis et al.		
	5,889,953	03/30/99	Thebaut et al.		
	5,907,696	05/25/99	Stilwell et al.		
	5,940,376	08/17/99	Yanacek et al.		
	5,970,984	10/26/99	Wakil et al.		
	5,980,984	11/09/99	Modera et al.		
	5,987,442	11/16/99	Lewis et al.		
	6,000,045	12/07/99	Lewis		
	6,003,090	12/14/99	Puranik et al.		
	6,014,697	01/11/00	Lewis et al.		
	6,026,442	02/15/00	Lewis et al.		
	6,041,383	03/21/00	Jeffords et al.		
	6,049,828	04/11/00	Dev et al.		
	6,057,757	05/02/00	Arrowsmith et al.		
	6,064,304	05/16/00	Arrowsmith et al.		
	6,064,986	05/16/00	Edelman		
	6,064,996	05/16/00	Yamaguchi et al.		
	6,084,858	07/04/00	Matthews et al.		
	6,115,362	09/05/00	Bosa et al.		
	6,131,112	10/10/00	Lewis et al.		
	6,138,122	10/24/00	Smith et al.		
	6,141,720	10/31/00	Jeffords et al.		
	6,199,172	03/06/01	Dube et al.		



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Exam. Init		Document Number	Date	Name	Class	Subclass
		6,205,563	03/20/01	Lewis		
		6,209,033	03/27/01	Datta et al.		
		6,216,168	04/10/01	Dev et al.		
		6,233,623	05/15/01	Jeffords et al.		
		6,243,747	06/05/01	Lewis et al.		
		6,255,943	07/03/01	Lewis et al.		
		6,324,530	11/27/01	Yamaguchi et al.		
		6,324,590	11/27/01	Jeffords et al.		
		6,336,138	1/1/02	Caswell et al.		
		6,349,306	02/19/02	Malik et al.		
		6,373,383	04/16/02	Arrowsmith et al.		
		6,374,293	04/16/02	Dev et al.		
		6,381,639	04/30/02	Thebaut et al.		
		6,392,667	05/21/02	McKinnon et al.		
		6,421,719	07/16/02	Lewis et al.		
		6,430,712	08/06/02	Lewis		
		6,437,804	08/20/02	Ibe et al.		
		6,502,079	12/31/02	Ball et al.		
		6,510,478	01/21/03	Jeffords et al.		
		6,603,396	08/05/03	Lewis et al.		
		6,651,062	11/18/03	Ghannam et al.		

FOREIGN PATENT DOCUMENTS

Exam. Init.		Document Number	Date	Country	Class	Translation
		EP 0 209 795	01/28/87	EPO		
		EP 0 319 998 B1	6/14/89	EPO		



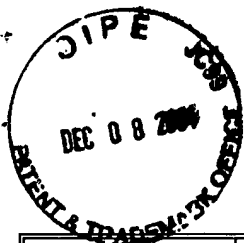
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Exam. Init.	Document Number	Date	Country	Class	Translation
	EP 0 338 561 B1	10/25/89	EPO		
	EP 0 342 547 B1	11/23/89	EPO		
	EP 0 616 289	9/21/94	EPO		
	EP 0 686 329 B1	12/13/95	EPO		
	WO 00/13112	3/9/00	WIPO		
	WO 00/72183	11/30/00	WIPO		
	WO 01/86844	11/15/01	WIPO		
	WO 01/86775	11/15/01	WIPO		
	WO 01/86444	11/15/01	WIPO		
	WO 01/86443	11/15/01	WIPO		
	WO 01/86380	11/15/01	WIPO		
	WO 02/06973	1/24/02	WIPO		
	WO 02/06972	1/24/02	WIPO		
	WO 02/06971	1/24/02	WIPO		
	WO 89/07377	8/10/89	WIPO		
	WO 93/00632	01/7/93	WIPO		
	WO 95/20297	7/27/95	WIPO		
	WO 96/09707	3/28/96	WIPO		
	WO 97/44937	11/27/97	WIPO		
	WO 97/37477	10/09/97	WIPO		
	WO 97/29570	08/14/97	WIPO		
	WO 97/16906	05/09/97	WIPO		
	WO 98/44682	10/8/98	WIPO		
	WO 98/42109	9/24/98	WIPO		
	WO 98/52322	11/19/98	WIPO		
	WO 99/27682	6/3/99	WIPO		



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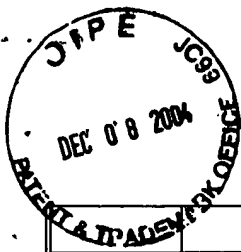
DEC 13 2004

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Technology Center 2600

OTHER DOCUMENTS (including Author, Title, Date, Relevant Pages, etc.)

		Subramanian, Mani, Network Management: Principles and Practice, Addison Wesley Longman, 2000
		Lewis, Lundy, Service Level Management for Enterprise Networks, Artech House, 1999
		Integrated Network Management V: Integrated Management in a Virtual World, Proceedings of the Fifth IFIP/IEEE International Symposium on Integrated Network Management, San Diego, California, May 12-16, 1997, Lazar A. et. al, eds., Chapman & Hall, 1997
		Stevenson Douglas W., Network Management: What it is and what it isn't, April 1995, http://www.sce.carleton.ca/netmanage/NetMngmnt/NetMngmnt.html (visited 8/30/2004)
		Network and Distributed Systems Management, Morris Sloman, Ed., Addison-Wesley, 1994
		RFC 1158 - Management Information Base for network management of TCP/IP-based internets: MIB-II, Network Working Group, M. Rose, Ed., May 1990, http://www.faqs.org/rfcs/rfc1158.html (visited 8/30/04)
		RFC 1157 - Simple Network Management Protocol (SNMP), Network Working Group, J. Case et al., Eds., May 1990, http://www.faqs.org/rfcs/rfc1157.html (visited 8/30/04)
		RFC 1156 - Management Information Base for network management of TCP/IP-based internets, Network Working Group, K. McCloghrie and M. Rose, Eds., May 1990, http://www.faqs.org/rfcs/rfc1156.html (visited 8/30/04)
		RFC 1155 - Structure and identification of management information for TCP/IP-based internets, Network Working Group, M. Rose and K. McCloghrie, Eds., May 1990, http://www.faqs.org/rfcs/rfc1155.html (visited 8/30/04)
		ISO/IEC 10164-1: 1993, Information technology - Open Systems Interconnection - Systems Management: Object Management Function
		ISO/IEC 10164-2:1993, Information technology - Open Systems Interconnection - Systems Management: State Management Function
		ISO/IEC 10164-4:1992, Information technology - Open Systems Interconnection - Systems management: Alarm reporting function
		ISO/IEC 10164-5:1993, Information technology - Open Systems Interconnection - Systems management: Event Report Management Function
		ISO/IEC 10165-1:1993, Information technology - Open Systems Interconnection - Management Information Services - Structure of management information: Management Information Model
		ISO/IEC 9595:1998, Information technology - Open Systems Interconnection -



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Common management information service		Technology Center 2600
		ISO/IEC 9596-2:1993, Information technology - Open Systems Interconnection - Common management information protocol: Protocol Implementation Conformance Statement (PICS) proforma
		ISO/IEC 7498-4:1989, Information processing systems - Open Systems Interconnection - Basic Reference Model - Part 4: Management framework
		Gilbert R., et al., CNMGRAF – Graphic Presentation Services for Network Management, ACM 0-89791-164 (1985)
		M. Gargano, et al., A Logical Data Model for Integrated Geographical Databases, IEEE (1990)
		Micomuse's Netcool/Omnibus, A Cool MOM Makes It Easy, Data Communications, January 1995
Examiner:		Date Considered: